# Generator of Physical Laws Based on a Family of Dimensionless Equations

A structured proposal for generating possible physical laws from families of normalized dimensionless relations, culminating in a generalized aggregate construction called OmniaTheory-01.

## 1. General Idea

**1.1** I propose treating physics as a special case of a much broader mathematical space.

**1.2** The starting point is a set of dimensionless equations normalized to the form:

Phi_n = 1

**1.3** Each such equation contains a different combination of physical constants reduced to dimensionless form by means of an appropriate renormalization factor.

## 2. Structure of Equations

**2.1** The idea is not to expand one equation step by step, but rather to operate on a family of independent equations.

**2.2** These equations can be multiplied, divided, and combined into more complex relations.

**2.3** In this way, a space of possible physical equations is generated.

## 3. Generating Operation

**3.1** Given two equations:

Phi_1 = 1
Phi_2 = 1

**3.2** we obtain new relations:

Phi_1 / Phi_2 = 1
Phi_1 * Phi_2 = 1

**3.3** Each such operation generates a new potential physical relation.

# 4. Role of Dimensional Constants

**4.1** Dimensional constants may be treated as parameters.

**4.2** Their introduction enables the transition from purely mathematical relations to potential laws of physics.

. **Rafał Bartłomiej Szulc ©-®@Sh. ‹ @BaShRafael**
. **powered by ChatGPT**